

07/03
U.S. PTO

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on July 07, 2003 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number EV333983574US, addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Lauren Kimball
Lauren Kimball

Attorney Docket No.: ALPSP127

First Named Inventor:

Hiroyuki HEBIGUCHI

14772 U.S. PTO
10/614848
07/07/03

UTILITY PATENT APPLICATION TRANSMITTAL (37 CFR. § 1.53(b))

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir: This is a request for filing a patent application under 37 CFR. § 1.53(b) in the name of inventors:
Hiroyuki HEBIGUCHI

For: **LIQUID CRYSTAL DISPLAY DEVICE HAVING CONTRAST IMPROVED BY PREVENTING DISTURBANCE OF LIQUID CRYSTAL ORIENTATION DUE TO DISTURBANCE OF ELECTRIC FIELD IN APPLYING VOLTAGE**

Assigned to: ALPS ELECTRIC CO., LTD.

Application Elements:

- ☒ **26** Pages of Specification, Claims and Abstract
- ☒ **02** Sheets of formal Drawings
- ☒ **03** Pages Combined Declaration and Power of Attorney

Accompanying Application Parts:

- ☐ Do not publish this application. Nonpublication Request is attached.
- ☒ Assignment and Assignment Recordation Cover Sheet (recording fee of \$40.00 enclosed)
- ☐ 37 CFR 3.73(b) Statement by Assignee
- ☒ Information Disclosure Statement with Form PTO-1449
- ☒ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard
- ☐ Other:

Claim For Foreign Priority

☒ Priority of Japanese Application No. 2002-211391 filed on July 19, 2002 is claimed under 35 U.S.C. § 119.

☒ The certified copy is enclosed.

☐ The certified copy has been filed in prior application U.S. Application No.

☐ The certified copy will follow.

Fee Calculation (37 CFR § 1.16)

☐ Applicant is entitled to Small Entity Status under 37 C.F.R. §1.27.

	(Col. 1) Total Claims		(Col. 2) Claims	(Col. 3) Present Extra	Rate	Additional Fee
TOTAL	14	MINUS	20	= 00	x 18 =	
INDEP.	02	MINUS	3	= 00	x 84 =	
[] First presentation of multiple dependent claim					\$280 =	
Basic Filing Fee under 37 C.F.R. §1.16(a)					\$750 =	750.00
TOTAL						750.00
SMALL ENTITY 50% FILING FEE REDUCTION (if applicable)						

☒ Check No. 19186 in the amount of \$790.00 is enclosed.

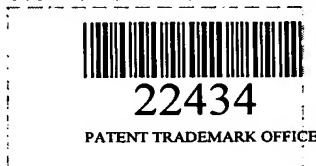
☒ The Commissioner is authorized to charge any fees beyond the amount enclosed which may be required, or to credit any overpayment, to Deposit Account No. 500388 (Order No. ALPSP127).

General Authorization for Petition for Extension of Time (37 CFR §1.136)


☒ Applicants hereby make and generally authorize any Petitions for Extensions of Time as may be needed for any subsequent filings. The Commissioner is also authorized to charge any extension fees under 37 CFR §1.17 as may be needed to Deposit Account No. 500388 (Order No. ALPSP127).

☒ Please send correspondence to the following address:

Customer Number 022434



Date: July 7, 2003


Steve D Beyer
Registration No. 31,234